## EXHIBIT 1

CHARLOTTESVILLE, VA 22902

1	December 4, 2018				
2		WITNESSES	<u> </u>		
3	WITNESS - Commonwealth	DIRECT	CROSS	REDIRECT	RECROSS
4	Detective Steve Young	2299	2333		
5	Brant Meyer	2340	2355		
6					
7	WITNESS - Defense	DIRECT	CROSS	REDIRECT	RECROSS
8	Jeremy Carper	2380	2393		
9	Tammy Shifflett	2395	2406		
10	Paul Critzer	2407	2419	2422	
11	Fred Kirschnick	2423	2429		
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1	THE COURT: Thank you very much. You still can-
2	not talk to any of the other witnesses.
3	A Correct.
4	THE COURT: All right, thank you. Do you have
5	one other witness you want to try to get on?
6	MR. PLATANIA: If the jury is okay with that,
7	yes. It should not be lengthy.
8	THE COURT: Okay. I suspect they are okay with
9	that. They're already had two or three breaks.
10	MR. PLATANIA: Brant Meyer.
11	THE COURT: Is that Brant with a B as in boy?
12	MR. PLATANIA: Yes, sir, B-r-a-n-t.
13	THE COURT: All right. Mr. Meyer, would you
14	pause and raise your right hand and face the clerk to be
15	sworn in.
16	(The witness was sworn at this time.)
17	THE CLERK: You may be seated.
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19	
20	BRANT MEYER, having been duly sworn testified as
21	follows:
22	
23	DIRECT EXAMINATION
24	By: Mr. Platania
25	
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Brant that's a microphone and it amplifies pretty well but if you could just direct your answers to the jury. Would you state and spell for the record your first and last name. Brant Meyer, B-r-a-n-t M-e-y-e-r. How are you currently employed? I'm a staff operation specialist with the FBI. What is a staff operation specialist? So basically I'm a tactical analyst imbedded on an investigative squad and that would be a tactical analyst versus a strategic analyst and what that means is a strategic analyst would look at a big picture threat and do research on that. A tactical analyst is just looking at a specific case, a specific individual. And my job more or less is to do research and analysis, document that in writing and summarize large piles of information and data and synopsize that for case agents so that they can make decisions to help move an investigation forward. You said you're employed by the FBI, correct? Α Correct. Is there a federal local partnership that exists in this area and if there is, can you tell us a little bit about it? Yes.

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And your role in it.

A Sure. We work with state and local law enforcement as well as other federal law enforcement quite frequently. The FBI also has task forces specifically set up where we have full time state and local partners that sit with us. Examples would be joint terrorism task force as well as safe streets gang task force and there's numerous others, but those are two that we have in Charlottesville.

Q Drawing your attention to August  $12^{\rm th}$ , 2017, what was your role as an FBI SOS on that day? Who were you working with, what were you doing?

A Sure. So we had agents and analysts imbedded in the command post with the Charlottesville Police Department and I was in a support role at the office should anything take place, but a lot of that was also preparation leading up to the event and sharing any intelligence that we had.

Q Can you talk a little bit about open source, just very generally, open source information and any experience or training you have related to that and sort of what it means just as an overview?

A Sure. So I'm certified as a trainer for open source intelligence and online operational security. And basically that's just a long way of saying I help train other FBI employees to find things, not just online but

just through open publicly available sources, and so I train colleagues in that. I've also conducted trainings outside of the FBI in that.

Q Related, you talked about sometimes you'll help case agents and that's sometimes for federal cases there's a federal case agent but the jury has heard from Corporal Steve Young who is the case agent for the prosecution of this matter. Did you become involved in assisting Corporal Young as a case agent for the case that we're here about?

A I became involved in helping the local and state investigation more broadly, though I didn't work directly with Detective Young.

Q As part of that, working with those different folks, did you conduct an analysis of a Facebook search warrant return?

A I did.

Q I'm going to ask you to just briefly walk through kind of at macro level what an identifier is and how you get them and once you get them what you do with them to sort of search different things and then apply for search warrants just to capture it and analyze it. That was a very long question, but I know you can simply what I'm trying to ask.

A Sure. So broadly speaking we're trying to
link a social media account with a subject of interest.
Usually what we'll start with is an identifier and that's
just a name for an email address, a phone number, user
name, nickname, other social media monikers, anything that
we already know is identified with our subject of interest.
We start with that and then use open source intelligence
techniques which is a short way of saying looking online in
an attempt to find other social media accounts that may be
linked with those known identifiers. And then usually what
happens is once we have a known identifier and we find a
social media account associated with it. We will then
serve a subpoena or a search warrant if we have probable
cause. And then once we receive those returns from the so-
cial media company be it Facebook, Instagram, whatever it
is, I would then perform analysis on that to further cor-
roborate that it does indeed belong to the subject and it
can go beyond just searching online for stuff. There are
other investigative methods when agents do interviews with
witnesses or family members or other people can say yes,
that's his phone number, that's his email address and
that's his social media handle and all of that broadly took
place conducting the analysis of both the Facebook and In-
stagram page.

Q During the course of the investigation was a search warrant issued related to the Facebook account of the defendant, James Alex Fields, Jr.?

A Yes.

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Q And that search warrant was served and you received what's called a return.

A Yes.

Q What's a return?

So basically that's the totality of the data that a user has generated while using their social media account and in terms of the specifics of how we actually receive that, every social media company is different in how they provide that. For Facebook and Instagram specifically it comes in two formats. One is a giant PDF and that could be anywhere from five thousand (5,000) to fifty thousand (50,000) pages depending on how long the account has been open, how much activity they've had on it. And then the other format we receive it in usually a series of zip files which is just compressed file folders. And usually what you can find in there that you wouldn't be able to find in the PDF would be media, so videos and audio that you couldn't just imbed in a PDF file. So for Facebook and Instagram specifically, they're owned by the same company, that is generally how we receive the returns from the search warrant.

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1	Q If an individual has a Facebook account, is
2	there a feature that I'll call geo location or location
3	history?
4	A Yes. You can enable that and it can track
5	your location essentially.
6	Q The Facebook return associated with Mr. Fields
7	did have geo location and the location history was enabled
8	from July $19^{\text{th}}$ of 2017 to August 12, 2017?
9	A That's correct.
10	Q You conducted an analysis of that?
11	A I did.
12	Q Judge, move to admit and public Commonwealth's
13	167.
14	THE COURT: Any objection to 167?
15	MR. HILL: No objection.
16	THE COURT: So 167 will be admitted.
17	Q And, Judge, I'll describe it as a geo location
18	data file.
19	THE COURT: All right.
20	
21	(Commonwealth's Exhibit #167 was received into
22	evidence at this time.)
23	
24	Q So we'll get into some of the specifics, but
25	for the record it looked like there was just an overview of
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the United States and it sort of zoomed in onto a certain
location with a bunch of dates and times and what looks
like sort of a dark line. Just walk through what we're
looking at before we get into any of the specifics.
A Sure. So basically the location history that
Facebook gave back came in a PDF.
Q And I'm sorry to interrupt but if you need
A Sure.
Q There should be an extendible pointer.
A Sure.
Q If you need to point to anything on the
screen.
A Okay.
THE COURT: Could I even go a little further than
that? I mean, this day and time people are learning more
and more, but I know what a PDF file is.
A Sure.
THE COURT: But somebody night not.
A Sure.
THE COURT: And if you could just tell us what
you mean when you say it's a PDF.
A Sure. It's just a, kind of like a word docu-
ment almost.
THE COURT: Except?

LANE'S COURT REPORTERS, INC. 401 8<sup>TH</sup> STREET NE CHARLOTTESVILLE, VA 22902 A Except it doesn't, it doesn't have media or audio in it and usually with a PDF file you can't alter it or edit it usually. That would be the difference between just a general word processing file.

THE COURT: So it's almost like a picture of a document.

A Correct, correct.

THE COURT: Okay.

And when those Facebook returns come, they basically, if you're familiar with Facebook, there's lots of different activity you can take place, whether that be commenting on things, direct messaging with someone else and then a PDF file, it will basically have categories and it will say location history and in that section it literally listed out the date and time and the latitude and the longitude coordinates for the time that that was enabled. that's what came to us from the search warrant from Facebook, and then I took that, made sure that the time came in universal time code. I switched it to eastern standard time and them basically imported it to a Google earth file so that you could geographically display what those points were as opposed to just knowing what latitudes and longitudes met along the map. So this is a visual representation of the location history that Facebook gave us back with

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1 dates and time and the latitudes and longitudes, and that's 2 what the labels are on the map. 3 THE COURT: Okay, thank you. 4 Feel free to continue to help clarify. So if 5 someone has a phone and they're traveling between August 11, 2017 and the 12th and they've got a phone and their geo 7 location history is enabled, it tracks them, is that ---8 A Correct. 9 Basically? 10 Α Yes. 11 And it's hitting off of, it's doing something 12 to sort of, we know where the phone is moving. 13 It's using GPS technology on the phone Yeah. 14 to capture those latitudes and longitudes. 15 And again, I want to talk about the timeframe 16 of August 11, 2017 to August 12, 2017. Ms. Antony, are you 17 able to isolate anything between 16:40 and 16:50:09 as far 18 a pin that we can zoom in on? 19 MS. ANTONY: On August 11? 20 Yes. So before you, before you do anything, I 21 want to just make a record of what you're doing. So Ms. 22 Antony is typing in the word in the upper left, Dunbridge 23 and it's in a box next to something that says search. 24 What's that function on Google earth which is what we're 25 looking at?

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1 Yeah, it's basically just to be able to search 2 and zoom in on the specific geographic location. 3 I think some of the data is still filling it-4 self in, but is Dunbridge a location that's still in Ohio? 5 Yes. Α 6 And this is August 11, 2017 at 16:40. 7 said you converted it. So what time is Mr. Fields still 8 looking like he's in Ohio on August 11th of 2017? 9 So you can see there I have the origi-10 nal UTC time and the eastern standard time of 16:40 which 11 is, you know, just before five o'clock on August 11th, 2017. 12 And then at some point shortly thereafter the 13 phone start tracking from Ohio all the way into Char-14 lottesville, Virginia. 15 A Correct. 16 And that's from the afternoon or early evening 17 on the 11th all the way into the very early morning hours of 18 August  $12^{th}$ , 2017. 19 Correct. 20 I have what's in front of you marked for iden-21 tification as 168 and 169. Are those just two exhibits 22 that show the path of travel with date and time? 23 A Correct. 24 Judge, move in 168 and 169. There's not a mo-25 tion to publish them at this point.

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1 Any objection? THE COURT: 2 No objection to either of those. MR. HILL: 3 THE COURT: So they'll both be admitted. 4 5 (Commonwealth's Exhibits #168 and #169 were received into evidence at this time.) 6 7 8 Sometimes technology is a good thing and some-9 times it's not. We didn't have this problem with our pic-10 So does it basically show, though, if we get back 11 into it, he does get into Charlottesville on the early 12 morning hours of August 12th, 2017? 13 That's correct. 14 So you talked about a Facebook return. 15 is Instagram? 16 Instagram is another social media platform. 17 The distinction would be it's primarily for sharing photos, 18 although it has a lot of the same functionality of Facebook 19 in the sense that individual Instagram users can communi-20 cate publicly with each other, but also directly and in 21 private with each other and the search warrant return we 22 got from Instagram would include the totality of that ac-23 tivity. 24 Again, using the same techniques with identi-25 fiers you have previously described, were you able to

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1	locate an Instagram account that you associated with James,
2	Alex Fields, the defendant in this case?
3	A Yes.
4	Q And did a judge issue a search warrant that
5	gave you the return that you were able to analyze?
6	A Yes.
7	Q And you were looking for specific items of in-
8	terest.
9	A Yes.
10	Q Are you able to locate what's been marked for
11	identification in front of you as Commonwealth's 170?
12	A Yes.
13	Q Move to admit and publish Commonwealth's 170.
14	THE COURT: Any objection to 170?
15	MS. LUNSFORD: Is this the post that was the sub-
16	ject of the earlier motion?
17	Q I'm sorry.
18	MS. LUNSFORD: Subject to the previous objection,
19	Your Honor.
20	THE COURT: All right. I've already made a rul-
21	ing on it but it will be admitted over defense objection.
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23	(Commonwealth's Exhibit #170 was received into
24	evidence at this time.)
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One seventy (170). If you could zoom in. at the top it says May 12, 2017, private message to Jamicus. We're going to talk about that in a second, but was that added by Ms. Antony and I just to put the date? Yes. And let's show what the image is. So this is something that Mr. Fields sent to someone else. A Correct. On his Instagram account. Α Correct. If you can walk through who Jamicus was and how you know it was a sent image to that person. Sure. That's the Instagram handle for another Instagram user and in the Instagram search warrant return it indicated that Mr. Fields' account sent this image to the other Instagram user and it marks basically if you're sending a message in private versus if you're posting something publicly and it also gives a date and a time when that activity took place. Q And from May 2<sup>nd</sup> to May 12<sup>th</sup> the time period preceding this, they had had over a hundred communications back and forth with each other. A That's correct.

Q So this is an image that Mr. Fields, kind of
likes a text message, it's just Instagram sends to someone
else.
A Correct. He posted, he sent to photo to
Jamicus.
Q If you could look in front of you, it's what's
been marked for identification as Commonwealth's 171.
A Yes.
Q Did you also obtain that, locate that during
your analysis?
A I did.
Q Judge, move to admit and publish Common-
wealth's 171.
THE COURT: All right, so 171 is also one that I
previously ruled on and will admit it over defense objec-
tion.
MS. LUNSFORD: Thank you, Judge. We would note
that objection.
(Commonwealth's Exhibit #171 was received into
evidence at this time.)
Q And again, the upper left is the date that Ms.
Antony and I put just to assist the jury, but you saw date

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imbedded in what you were looking at that confirmed the date of May  $16^{th}$ , 2017. A Correct. So you just talked about in Commonwealth's 170 a private message to Jamicus and this one is marked differ-This is marked a public post to Instagram. What's ently. the difference between the May 16th and the earlier. A Sure. So the first one was sent directly to Jamicus, almost like you would use Instagram to text message someone directly, whereas this one was published to his account so anyone that was following his account could have seen this second image. Thank you, Ms. Meyer. Those are all my questions. THE COURT: All right. Mr. Hill, do you want to go into cross now? MR. HILL: Yes, sir. THE COURT: Okay. CROSS-EXAMINATION Mr. Hill By: Mr. Meyer, the image that we just that was posted publicly on Instagram was later deleted, correct? Correct. Α Do you know when it was deleted?

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1 No, sir, Α 2 The image, Commonwealth's Exhibits 170 and 171 3 I'll refer to as memes. Is that correct? 4 A Yes. 5 And were you able to determine in your inves-6 tigation whether that was, that image with the particular 7 writing on it was created by Mr. Fields or whether it was 8 created by in some other location and then copied? 9 A I was not able to determine that. I was able 10 to determine that that image and caption existed online 11 previously, but I can't tell who created it. 12 Online in other locations or websites where 13 someone from the public could make a copy of it. 14 Α Sure. 15 The---in your analysis of Mr. Fields Facebook 16 account with the geo location data you were able to pin-17 point his location within the City of Charlottesville as 18 well, correct? 19 Correct. 20 Were you able to determine where he was on the 21 afternoon of August the 12th, 2017 within the City of Char-22 lottesville? 23 There were a number of geo location points 24 during that time.

1	Q Do you have that information readily available
2	on your memory or is
3	A I think, I mean, there were hundreds of
4	points. You could ask me and I can tell you if I remember
5	specifically him being at that point, but I can't guarantee
6	that I'm going to know those off the top of my head.
7	Q Do you recall
8	MR. PLATANIA: In fairness to Mr. Hill. I think
9	we probably are going to be able to get
10	MS. ANTONY: I can see if I can try to pull that
11	up again. It just was being quirky and I'm
12	THE COURT: Okay.
13	Q Let me ask the witness and then if you can't
14	we'll
15	MS. ANTONY: I'm sorry, Mr. Hill. Would you like
16	me to try to bring it up while you ask or just not distract
17	while you're asking.
18	Q Yeah, yeah, right. Let's not waste any time.
19	If you could do it while I'm asking. If it comes up,
20	great, if it doesn't we'll
21	MS. ANTONY: Yes, sir.
22	Q Do it the hold fashioned way. Do you recall
23	when he wasthere's been testimony that Mr. Fields was at
24	Emancipation Park on the late morning, early afternoon of
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1	2012. Were you able to confirm that through the geo loca-
2	tion data?
3	A That sounds accurate.
4	Q And if I told you that he was at the park at
5	least until quarter of twelve that day, would that sound
6	accurate to you?
7	A That would sound accurate without looking, but
8	that sounds accurate.
9	Q And were you also able to locate him through
10	the City of Charlottesville later on that afternoon with
11	local coordinates at approximately 1:30 at 3rd and Water
12	Street?
13	A That sounds accurate.
14	Q And then at 1:36 between Water and the Belmont
15	Bridge?
16	A Sounds right.
17	Q And then at 1:38 at $5^{\rm th}$ and Jefferson?
18	A Uh-huh, yes.
19	Q And then at 1:40 on $4^{ ext{th}}$ at the Main Street
20	Mall, is that correct?
21	A That's correct.
22	Q Facebook allows you to turn that geo location,
23	I guess, locator off, correct?
24	A Correct.
25	

1 So if you didn't want anybody to know where 2 you were, you could turn that particular ---3 Α Yes. 4 Okay. Good to know. All right. Judge, I 5 think that's all the information that we need to ask Mr. 6 Thank you. Thank you, Ms. Antony, for trying. Meyer. 7 THE COURT: All right, thank you. Any redirect? 8 MR. PLATANIA: No, sir, and we apologize. We had 9 it working better, so no further questions. If they want to get into it later but---10 11 THE COURT: Okay. Do you want to ask that he be 12 excused? 13 Why don't we---this is a very good MR. PLATANIA: 14 spot to take a lunch break. Maybe the attorneys can confer 15 with him. 16 THE COURT: That's fine. Do you want to have him 17 remain available for right now? 18 MR. HILL: For right now. 19 THE COURT: Okay, sure. So you're not released 20 from your subpoena yet. We are going to take a break, a 21 recess and we'll go ahead and take our lunch break now and 22 members of the jury, every day is different. Given the 23 fact that we may have some legal things to take up, I think 24 I'm going to give you an hour and fifteen (15) minutes. 25 Any objection to that? So if you can be back here by 2:20

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